AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application.

LISTING OF CLAIMS:

1. (Currently Amended) A method of transmit power adjustment in a multitone communication system, comprising:

adjusting transmit power by changing a power spectral density PSD for each subchannel k ~~the power spectral density to the~~a minimum of the power spectral density and a maximum of ~~the~~a reference power spectral density REFPSD(k) = min(NOMPSD(k), NOMPSD - PCB) where REFPSD(k) is the transmitted PSD at ~~tone~~subchannel k, NOMPSD(k) is the maximum transmit PSD allowed at each ~~tone~~subchannel k, NOMPSD is the maximum value of NOMPSD(k) over all k and PCB is a power cutback level.

.2. (Previously Presented) The method of claim 1, wherein:

said PCB is selected from the range 0 dB to 40 dB.

3. (Previously Presented) The method of claim 1, wherein:

said multitone system is an asymmetrical digital subscriber line system; and

said PCB is selected as the larger of a power cutback selected by a central office transceiver and a power cutback selected by a customer transceiver.

4 (Currently Amended) A system including at least one processor, said processor configured to perform for a power spectral density where k indexes subchannels of a multitone system, for each subchannel k:

adjusting transmit power by changing a power spectral density for each subchannel k ~~the power spectral density to~~ the minimum of ~~the~~a power spectral density and a maximum of ~~the~~a reference power spectral density REFPSD(k) = min(NOMPSD(k), NOMPSD - PCB) where REFPSD(k) is the transmitted PSD at tone k, NOMPSD(k) is the maximum transmit PSD allowed at each tone k, NOMPSD is the maximum value of NOMPSD(k) over all k and PCB is a power cutback level.

5 (Currently Amended) A computer readable medium storing instructions to configure a processor to perform for a power spectral density PSD where k indexes subchannels of a multitone system, for each subchannel k:

adjusting transmit power by changing a power spectral density for each subchannel k ~~the power spectral density to~~ ~~the~~a minimum of the power spectral density and a maximum of ~~the~~a reference power spectral density REFPSD(k) = min(NOMPSD(k), NOMPSD - PCB) where REFPSD(k) is the transmitted PSD at ~~tone~~subchannel k, NOMPSD(k) is the maximum transmit PSD allowed at each ~~tone~~subchannel k, NOMPSD is the maximum value of NOMPSD(k) over all k and PCB is a power cutback level.